# DATA ITEM DESCRIPTION

**1. TITLE:**
INTEGRATED SUPPORT PLAN (ISP)

**2. IDENTIFICATION NUMBER**
DID-L009

**3. DESCRIPTION/PURPOSE**

**3.1** The Integrated Support Plan (ISP) describes the Contractor's plans for the management, control, execution, interface, and integration of all aspects of the Contractor's Integrated Logistic Support (ILS) Plan.

**3.2** The ISP consists of the following sections:

**1.** Introduction.
**2.** Summary of System Characteristics.
**3.** ILS Program Management, Organization, and Execution.
**4.** Milestone Schedules.

**3.3** The Contractor may demonstrate compliance with the requirement to provide ISP by providing the Government with either; an ISP, the applicable portions of their ISO 9000 series certification documentation, or a copy of internal corporate documentation that support both the scope and intent of the ISP as described in this paragraph and others within this DID.

**3.3** The ISP or equivalent documentation is used by the Government to evaluate, monitor, and approve the Contractor's planning and performance of the ILS Program Task(s) as specified in the contract.

**4. APPROVAL DATE**
7/15/10

**5. RESPONSIBLE OFFICE**
FAA Logistics Center

**6. REFERENCE**
FAA AMS

**7. APPLICATION/INTERRELATIONSHIP**

**7.1** This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirements as delineated in the contract.

**10. PREPARATION INSTRUCTIONS**

**10.1 Reference Documents.** The applicable issue of the documents cited herein, including their approval dates and the dates of any applicable amendments, notices, and revisions, shall be as specified in the contract.

**10.2 General.** The ISP or Contractor's ISO series 9000 documentation shall document the Contractor's management plans for gathering and analyzing data; management, control, and execution; integration and interface of the ILS Program Task(s) delineated in the contract. The Contractor's management plans shall demonstrate that the new system or equipment, when fielded, will satisfy all supportability criteria.

**10.3 Format and Content.** Contractor format may be used for either their ISO 9000 series documentation or internal corporate documentation. The format and content requirements for the ISP shall be as follows:

**10.3.1 Organization and Preparation.** The ISP shall be organized into four (4) major sections. The specific content of each major section shall be in accordance with the requirements set forth herein.

The ISP shall be machine printed on loose durable white paper. Page size shall be 8-1/2 by 11 inches. Pages shall be punched suitable for binding in a three ring loose leaf binder. In addition to the required hard copy, the contractor is requested to provide the Government with an additional electronic copy, if available.

**10. PREPARATION INSTRUCTIONS Continued:**

**10.3.2 Sections.** The ISP shall contain all sections identified in this paragraph even if there are no data or narratives required for a section or element (e.g., if there are no tasks, requirements, or other standards, the Contractor shall enter "NOT APPLICABLE" and state the reason(s), e.g., "NOT REQUIRED BY CONTRACT".

**INTEGRATED SUPPORT PLAN**
**(ISP)**
**SECTION 1**
**INTRODUCTION**

**SECTION 1 - Introduction.** This section shall identify the ISP Requirements as specified in the Statement of Work (SOW). This section shall be formatted and contain the data as shown below:

**Purpose and Scope.** Provide a concise statement on the scope and intended purpose of the ISP as the document for managing and executing the contractual ILS Program.

**ISP Summary.** Provide a concise description of the ISP sufficient to establish a clear understanding of the total scope, content, and organization of the material.

**Updating Process.** Provide a description of the manner in which changes and revisions to the content of the ISP shall be developed, approved, and incorporated therein.

**INTEGRATED SUPPORT PLAN**
**(ISP)**
**SECTION 2**
**SUMMARY OF SYSTEM CHARACTERISTICS**

**SECTION 2 - Summary of System Characteristics.** This section shall be a summary of the details contained in the Contractor's System Specifications and shall provide an understanding of the significant characteristics of the system and the manner in which the system shall be employed in its intended operational environment. This Section shall be formatted and contain the data as shown below:

**System/Equipment Description.** Provide a brief description of functional and physical characteristics of the system and its major subsystems for each model and type of system provided. Also, include a description of the physical and functional relationships between the contract end item and associated systems with which they shall interface when operational. Use block diagram(s) or other graphic means to support the text.

**Operating Environment.** Describe the operational environment. Include annual operating hours, duty cycles, maximum allowable downtime, life expectancy, environment, and other requirements, as applicable.

**Availability Requirements.** State the operational availability as contained in the Contractor's System Specifications. Include predicted and demonstrate values, when available.

**Reliability Requirements.** State the reliability as contained in the Contractor's System Specifications. Include Mean time Between Failure (MTBF) and Mean time To Repair (MTTR). Include predicted and demonstrate values when available.

**Quantitative Maintainability Requirements.** State the Quantitative Maintainability

Requirements contained in the Contractor's System Specifications. Include requirements for test points, and built-in-test, manpower and personnel constraints, and other requirements, as applicable.

**Maintainability Design Criteria.** Summarize the Maintainability Design Criteria developed in response to the Maintainability Requirements.

**10. PREPARATION INSTRUCTIONS Continued:**

**Other Requirements.** Summarize any other logistic-related requirements no listed above.

**INTEGRATED SUPPORT PLAN**
**(ISP)**
**SECTION 3**
**ILS PROGRAM MANAGEMENT, ORGANIZATION, AND EXECUTION**

**SECTION 3 - ILS Program Management, Organization, and Execution.** This Section shall provide a description of the overall process, involving both the Government and the Contractor, that shall be used in managing and executing the contractual ILS Program. This Section shall be formatted and contain the data as shown below:

**Contractor's Objectives, Policies, and General Management Procedures.** State the objectives, policies, and general management procedures that relate to the ILS Program.

**Contractor's ILS Organizational Structure.** Describe the organizational structure that has been selected to accomplish the contractual ILS Program effort. Identify names, positions, functions, responsibilities, and authority of those responsible for satisfying the contractual ILS Program Requirements.

**Sub-Contractor and Vendor Interface Management.** List the major subcontractor's involved in the ILS Program, and describe the scope of ILS work assigned to each, the method of controlling the accomplishment of this work, and the organizational interfaces established with each subcontractor. Include a general description of the method of specifying ILS Requirements in vendor purchase orders and controlling the accomplishment of specific work and deliverables.

**Government ILS Organizational Interfaces**. Describe the Government ILS organization and indicate the relationship with the Contractor's ILS organization delineated in Section 3, Contractor ILS Organizational Structure, above.

**INTEGRATED SUPPORT PLAN**
**(ISP)**
**SECTION 4**
**MILESTONE SCHEDULES**

**SECTION 4 - Master Milestones.** This section shall contain the Master Milestones as planned and scheduled for the ILS effort. This section shall be formatted and contain the data shown below:

**Master Milestone Chart.** The Master Milestone Chart to include all program milestones and all ILS Program Tasks as defined in the NAILS CDRLs/DIDs.